### **UTILITY PATENT APPLICATION TRANSMITTAL** (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 138961-1

Total Pages in this Submission 185

#### TO THE COMMISSIONER FOR PATENTS

**Mail Stop Patent Application** P.O. Box 1450 Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an

| ivention entitled:                                                                                                                             |                            |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--|--|--|--|
| METHOD OF AUTHENTICATING POLYMERS, AUTHENTICATABLE POLYMERS, METHO AUTHENTICATABLE POLYMERS AND AUTHENTICATABLE ARTICLES, AND ARTICLES IN FROM | DS OF MAKING<br>1ADE THERE |  |  |  |  |
| nd invented by:                                                                                                                                |                            |  |  |  |  |
| Radislav Potyrailo<br>Philippe Schottland                                                                                                      |                            |  |  |  |  |
| f a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:                                                      |                            |  |  |  |  |
| ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:                                                             |                            |  |  |  |  |
| Which is a:                                                                                                                                    |                            |  |  |  |  |
| ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:                                                             |                            |  |  |  |  |
| Which is a:                                                                                                                                    |                            |  |  |  |  |
| ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:                                                             |                            |  |  |  |  |
| Enclosed are:                                                                                                                                  |                            |  |  |  |  |
| Application Elements                                                                                                                           |                            |  |  |  |  |
| 1. 🗵 Filing fee as calculated and transmitted as described below                                                                               | ;                          |  |  |  |  |
| 2. Specification having pages and including the following:                                                                                     |                            |  |  |  |  |
| a. 🗵 Descriptive Title of the Invention                                                                                                        |                            |  |  |  |  |
| b. Cross References to Related Applications (if applicable)                                                                                    |                            |  |  |  |  |
| c.  Statement Regarding Federally-sponsored Research/Development (if applicable)                                                               |                            |  |  |  |  |
| d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix                                                            |                            |  |  |  |  |
| e. 🗵 Background of the Invention                                                                                                               |                            |  |  |  |  |
| f. 🗵 Brief Summary of the Invention                                                                                                            |                            |  |  |  |  |
| •                                                                                                                                              |                            |  |  |  |  |
|                                                                                                                                                |                            |  |  |  |  |
| ·                                                                                                                                              | h. 🗵 Detailed Description  |  |  |  |  |
| i. 🗵 Claim(s) as Classified Below                                                                                                              |                            |  |  |  |  |
| j 🗵 Abstract of the Disclosure                                                                                                                 |                            |  |  |  |  |

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 138961-1

Total Pages in this Submission 185

### **Application Elements (Continued)**

| · 3. | $\boxtimes$ | Drawing(s) (when necessary as prescribed by 35 USC 113)                                                                                                                                                                                                                                                         |  |  |  |  |  |
|------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
|      | a.          | ✓ Formal Number of Sheets                                                                                                                                                                                                                                                                                       |  |  |  |  |  |
|      | b.          | ☐ Informal Number of Sheets                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
| 4.   | $\boxtimes$ | Oath or Declaration                                                                                                                                                                                                                                                                                             |  |  |  |  |  |
|      | a.          | ☐ Newly executed (original or copy) ☐ Unexecuted                                                                                                                                                                                                                                                                |  |  |  |  |  |
|      | b.          | Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)                                                                                                                                                                                                                   |  |  |  |  |  |
|      | C.          | ☑ With Power of Attorney ☐ Without Power of Attorney                                                                                                                                                                                                                                                            |  |  |  |  |  |
|      | d.          | DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).                                                                                                                                                                    |  |  |  |  |  |
| 5.   |             | Incorporation By Reference (usable if Box 4b is checked)  The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. |  |  |  |  |  |
| 6.   |             | CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)                                                                                                                                                                                                                                         |  |  |  |  |  |
| 7.   |             | Application Data Sheet (See 37 CFR 1.76)                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| 8.   |             | □ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)                                                                                                                                                                                                                        |  |  |  |  |  |
|      | a.          | ☐ Computer Readable Form (CRF)                                                                                                                                                                                                                                                                                  |  |  |  |  |  |
|      | b.          | ☐ Specification Sequence Listing on:                                                                                                                                                                                                                                                                            |  |  |  |  |  |
|      |             | i.   CD-ROM or CD-R (2 copies); or                                                                                                                                                                                                                                                                              |  |  |  |  |  |
|      |             | ii. 🔲 Paper                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
|      | C.          | Statement(s) Verifying Identical Paper and Computer Readable Copy                                                                                                                                                                                                                                               |  |  |  |  |  |
|      |             | Accompanying Application Parts                                                                                                                                                                                                                                                                                  |  |  |  |  |  |
| 9.   |             | Assignment Papers (cover sheet & document(s))                                                                                                                                                                                                                                                                   |  |  |  |  |  |
| 10.  |             | 37 CFR 3.73(B) Statement (when there is an assignee)                                                                                                                                                                                                                                                            |  |  |  |  |  |
| 11.  |             | English Translation Document (if applicable)                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| 12.  | $\boxtimes$ | Information Disclosure Statement/PTO-1449  ☑ Copies of IDS Citations                                                                                                                                                                                                                                            |  |  |  |  |  |
| 13.  |             | Preliminary Amendment                                                                                                                                                                                                                                                                                           |  |  |  |  |  |
| 14.  | $\boxtimes$ | Return Receipt Postcard (MPEP 503) (Should be specifically itemized)                                                                                                                                                                                                                                            |  |  |  |  |  |
| 15.  |             | Certified Copy of Priority Document(s) (if foreign priority is claimed)                                                                                                                                                                                                                                         |  |  |  |  |  |
| 16.  | X           | Certificate of Mailing                                                                                                                                                                                                                                                                                          |  |  |  |  |  |
|      |             | ☐ First Class ☒ Express Mail (Specify Label No.): EV 22 70 88 148 US                                                                                                                                                                                                                                            |  |  |  |  |  |

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

was unintentional.

Docket No. 138961-1

Total Pages in this Submission 185

|     | Accompanying Application Parts (Continued)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17. | Additional Enclosures (please identify below):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|     | Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 18. | Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.                                                                                                                                   |
|     | Warning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|     | An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice |

### UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 138961-1

Total Pages in this Submission 185

#### **Fee Calculation and Transmittal**

| CLAIMS AS FILED   |                  |                  |             |   |                  |            |
|-------------------|------------------|------------------|-------------|---|------------------|------------|
| For               | #Filed           | #Allowed         | #Extra      |   | Rate             | Fee        |
| Total Claims      | 40               | - 20 =           | 20          | x | \$18.00          | \$360.00   |
| Indep. Claims     | 3                | - 3 =            | o           | x | \$86.00          | \$0.00     |
| Multiple Depender | nt Claims (check | ( if applicable) | $\boxtimes$ |   | ·                | \$290.00   |
|                   |                  |                  |             |   | BASIC FEE        | \$770.00   |
| OTHER FEE (spe    | cify purpose)    |                  |             |   |                  | \$0.00     |
|                   |                  |                  |             |   | TOTAL FILING FEE | \$1,420.00 |
|                   |                  |                  |             |   | H.               |            |

|             |             |                             |                |                                |                     | <b>41,</b> 120 |
|-------------|-------------|-----------------------------|----------------|--------------------------------|---------------------|----------------|
|             | A chec      | k in the amount of          |                | to cover the filing fee is end | closed.             |                |
| $\boxtimes$ | The Di      | rector is hereby authorized | l to charge ar | nd credit Deposit Account N    | o. 07-0862          |                |
|             | as des      | cribed below.               |                |                                |                     | ż              |
|             | $\boxtimes$ | Charge the amount of        | \$1,420.00     | as filing fee.                 |                     |                |
|             | $\boxtimes$ | Credit any overpayment.     |                |                                |                     |                |
|             | $\boxtimes$ | Charge any additional fili  | ng fees requi  | red under 37 C.F.R. 1.16 ai    | nd 1.17.            |                |
|             |             | Charge the issue fee set    | in 37 C.F.R.   | 1.18 at the mailing of the N   | otice of Allowance, | 1              |
|             |             | pursuant to 37 C.F.R. 1.3   | 311(b).        | $\mathcal{M}$                  | aux Eloh            |                |
|             |             |                             |                |                                | Signature           | :              |

Dated: November 26, 2003

Mary E. Golota Registration No. 36,814 Customer No. 23413 (248) 524-2300

CC:

| <u>.                                    </u> |                                                                       | • •                              |                                                   |
|----------------------------------------------|-----------------------------------------------------------------------|----------------------------------|---------------------------------------------------|
| CERTIFICATE OF I                             | Docket No.<br>138961-1                                                |                                  |                                                   |
| r tpp nount(o).                              |                                                                       |                                  | 130501-1                                          |
| Serial No.                                   | Filing Date                                                           | Examiner                         | Group Art Unit                                    |
| NYA                                          | Even Herewith                                                         | NYTA                             | NYA                                               |
|                                              |                                                                       |                                  | POLYMERS, METHODS OF<br>LE ARTICLES, AND ARTICLES |
| I hereby certify that the                    | e following correspondence:                                           | ·                                |                                                   |
| ,                                            | on Transmittal with Authorizatio<br>ts); Unexecuted Declaration (2 pg | <del>-</del>                     |                                                   |
| <u></u> .                                    | (Identify type                                                        | of correspondence)               |                                                   |
| is being deposited with                      | the United States Postal Service                                      | ce "Express Mail Post Office t   | to Addressee" service under 37                    |
| CFR 1.10 in an envelo                        | pe addressed to: Commissioner                                         | for Patents, P.O. Box 1450,      | Alexandria, VA 22313-1450 on                      |
|                                              | November 26, 2003 (Date)                                              | ·                                |                                                   |
|                                              |                                                                       | Misty Seg                        | ;<br>;                                            |
|                                              |                                                                       | (Typed or Printed Name of Person |                                                   |
|                                              |                                                                       | Misty S                          | egrang                                            |
|                                              |                                                                       | (Signature of Person Maili       | ng Corresponden & )                               |
|                                              |                                                                       | EV 22 70 88                      | 3 148 US                                          |
|                                              |                                                                       | ("Express Mail" Mailin           | g Label Number)                                   |
| l                                            |                                                                       |                                  |                                                   |
| l                                            |                                                                       |                                  |                                                   |
| l                                            |                                                                       |                                  |                                                   |

Note: Each paper must have its own certificate of mailing.